MENT BOOK

Dimensions			Contents	Refe... to ... Measu...
ength	Breadth	Depth		
4	5	6	7	8

List of Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

SBR No: 115/14-15

30.06.14

BR-184 30-6-14

192160

...l No. ... construction of R.C.C. Drain and covering Slab and improvements to Roads
...e of work ... at Pillegowda Layout From ward no-10 Change of place in Hanuman Layout
...e of Contractor of nature of Agency ... K.R.I.D.L
...e of commencement of work ...

...te	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Work Code NO; 010-13-000010						
	Work order NO; EE/BTP/BBMP/KRIDL/WO/661/2013-14. Dated 05-03-2014						
	Head of Account; P-177L						
	Address of Agency; #119, 11th Cross Road, Silvestra Arched, 3rd floor, East park Road, Malleshwaram, Bangalore-03.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	1) Earth work excavation by manual means in reard soil involving an average horizontal throw upto 2meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods etc						
	Ganesh House Road						
	RHS						
		L	30.00	1.20	1.00 =	36.00 Cum	
		L	30.00	1.20	1.00 =	36.00 Cum	
		L	30.00	1.20	1.00 =	36.00 Cum	
		L	30.00	1.20	1.00 =	36.00 Cum	
		L	15.20	1.20	1.00 =	18.24 Cum	
	LHS						
		L	30.00	1.20	1.00 =	36.00 Cum	
		L	30.00	1.20	1.00 =	36.00 Cum	
		L	30.00	1.20	0.90 =	32.40 Cum	
		L	30.00	1.20	0.90 =	32.40 Cum	

M. A. R. 57
Measure

No. ..... From .....
of work .....
of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work	Number	Le
2	3	
	L	1
	L	2
		a
2) Providing and laying in Positi ope granite metal coarse aggreg machine mixed concrete laid in compacted in foundation		

EMENT BOOK

Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement
means in hard soil involving upto 2 meters and an average lift leveled and sides neatly dressed neatly after breaking of clods ex				
30.00	1.20	1.00 =	36.00 Cum	
30.00	1.20	1.00 =	36.00 Cum	
30.00	1.20	1.00 =	36.00 Cum	
30.00	1.20	1.00 =	36.00 Cum	
15.20	1.20	1.00 =	18.24 Cum	CKFc
30.00	1.20	1.00 =	36.00 Cum	
30.00	1.20	1.00 =	36.00 Cum	
30.00	1.20	0.90 =	32.40 Cum	
30.00	1.20	0.90 =	32.40 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192161

Serial No. .... From .... To ....
Name of work ....
Name of Contractor of nature of Agency ....
Date of commencement of work ....

	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		L	15.20	1.20	0.90 =	16.42 Cum	CKFc
		L	22.00	1.20	0.80 =	23.76 Cum	
					Total =	339.22 Cum	
	Qty limited to				Tender =	339.12 Cum	
	@ RS 151.74					RS 51458.00	
						Jadhav AE	
2)	Providing and laying in position plain cement concrete of mix 1:4:8 with opc granite metal coarse aggregates @ 0.85 Cum and fine aggregates @ 0.57 Cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Mea
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	LHS	4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.75 =	90.00 Sqm	
		4	30.00		0.75 =	90.00 Sqm	
		4	30.00		0.75 =	90.00 Sqm	
		4	15.20		0.75 =	45.60 Sqm	
					Total =	766.08 Sqm	
					Qty limited to Tender =	753.60 Sqm	
					@ Rs 244.08	Rs 183929.-	
						J.D.U. Joshi AE	
8)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs with 20mm and down size graded granite metal coarse aggregates @ 0.8 cum and fine aggregate by machine mixed, concrete laid in layers not exceeding 15cm thick						

M. A. R. 57 (
Measureme

No. ..... From .....
of work .....
of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work	Number	Leng
2	3	4
Vibrated for all works in foundation		
Slabs Staircase lintels retaining		
Piers abutments Pillars post) Cer		
Ganesh Hauk Road	1	30
RHS	1	30
	1	30
	1	30
	1	18
LHS	1	3
	1	3

UREMENT BOOK

Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Ref to last Meas
	30.00		0.60 =	72.00 Sqm	
	30.00		0.75 =	90.00 Sqm	
	30.00		0.75 =	90.00 Sqm	
	30.00		0.75 =	90.00 Sqm	
	15.20		0.75 =	45.60 Sqm	
			Total =	766.08 Sqm	
			Qty limited to Tender =	753.60 Sqm	
			@ Rs 244.08	Rs	Rs 183929.00

S.D.O. Jadhav AE

reinforced cement concrete of design
20kgs with 20mm and down size graded
@ 0.8% and fine aggregate
in layers not exceeding 15cms thick

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192163

No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Vibrated for all works in foundation plinth and ground floor level for roof slabs staircase lintels retaining walls including attached pilasters columns piers abutments pillars posts curving etc complete as per specifications.						
Ganesh Kunj Road						
RHS	1	30.00	1.10	0.15 =	4.95 Cum	
	1	30.00	1.10	0.15 =	4.95 Cum	
	1	30.00	1.10	0.15 =	4.95 Cum	
	1	30.00	1.10	0.15 =	4.95 Cum	
	1	15.20	1.10	0.15 =	2.51 Cum	
LHS	1	30.00	1.00	0.15 =	4.50 Cum	
	1	30.00	1.00	0.15 =	4.50 Cum	

CRC
S.D.O.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Mea
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Ganesh Hour Road RHS	1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	15.20	1.00	0.15 =	2.28 Cum	
		2	30.00	0.15	0.60 =	5.40 Cum	
		2	30.00	0.15	0.65 =	5.85 Cum	
		2	30.00	0.15	0.65 =	5.85 Cum	
		2	30.00	0.15	0.65 =	5.85 Cum	
		2	15.20	0.15	0.70 =	3.19 Cum	
	LHS	2	30.00	0.15	0.65 =	5.85 Cum	
		2	30.00	0.15	0.65 =	5.85 Cum	
		2	30.00	0.15	0.70 =	6.30 Cum	
		2	30.00	0.15	0.90 =	8.10 Cum	
		2	15.20	0.15	0.90 =	4.10 Cum	
					Total =	98.93 Cum	
	Qty worked to Tender =					98.91 Cum	

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Exe. Engr.
PWD. Div

M. A. R. 57 (Ru
Measurement

...al No. ..... From .....
...me of work .....
...me of Contractor of nature of Agency.....
...te of commencement of work.....

...ate	Full description, etc, of work	Dimen	
		Number	Length
	2	3	4
		@ RS	56 39
5)	Providing mild steel reinforcement ... cutting, bending, hooking, placing ... wherever required, tying with binding ... members wherever necessary complete		
	Qty vide Page No 192/95 of M.B No. 8922	@ RS	7

P.W.D.

SUREMENT BOOK

Dimensions				Contents	Refe to Meas
Number 3	Length 4	Breadth 5	Depth 6	7	
1	30.00	1.00	0.15 =	4.50 Cum	
1	30.00	1.00	0.15 =	4.50 Cum	
1	15.20	1.00	0.15 =	2.28 Cum	
2	30.00	0.15	0.60 =	5.40 Cum	
2	30.00	0.15	0.65 =	5.85 Cum	
2	30.00	0.15	0.65 =	5.85 Cum	
2	30.00	0.15	0.65 =	5.85 Cum	
2	15.20	0.15	0.70 =	3.19 Cum	
2	30.00	0.15	0.65 =	5.85 Cum	
2	30.00	0.15	0.65 =	5.85 Cum	
2	30.00	0.15	0.70 =	6.30 Cum	
2	30.00	0.15	0.90 =	8.10 Cum	
2	15.20	0.15	0.90 =	4.10 Cum	
			Total =	98.93 Cum	
Qty worked to Tender =				98.91 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192164

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number 3	Length 4	Breadth 5	Depth 6	7	8
		@ Rs	5639.76			Rs	557829.00
	5) Providing mild steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specification.						
	Qty vide Page No 192185 of this M.B No - 8922	@ Rs	7450.92			= 49.46 Qtl	
						Rs	368523.00

Zadbuke AE

Zadbuke AE

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers.						
	Ganesh Hotel Road RHS	1	30.00	0.30	0.65	= 5.85 Cum	
		1	30.00	0.30	0.65	= 5.85 Cum	
		1	30.00	0.30	0.65	= 5.85 Cum	
		1	30.00	0.30	0.75	= 6.75 Cum	
		1	15.20	0.30	0.90	= 4.10 Cum	
	LHS	1	30.00	0.30	0.60	= 5.40 Cum	
		1	30.00	0.30	0.65	= 5.85 Cum	
		1	30.00	0.30	0.70	= 6.30 Cum	
		1	30.00	0.30	0.75	= 6.75 Cum	
		1	15.20	0.30	0.90	= 4.10 Cum	

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rial No. ..... From
me of work .....
me of Contractor of nature of Agency.....
te of commencement of work.....

Date	Full description, etc, of work	Number
	2	3
		Qty
	7) Lead for Disposal of Debris Mechanical means including Specifications and direction Qty will	

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
h (excluding rock) in Sides of layers not exceeding 20cms in ted layers.				
30.00	0.30	0.65 =	5.85 Cum	
30.00	0.30	0.65 =	5.85 Cum	
30.00	0.30	0.65 =	5.85 Cum	
30.00	0.30	0.75 =	6.75 Cum	
15.20	0.30	0.90 =	4.10 Cum	
30.00	0.30	0.60 =	5.40 Cum	
30.00	0.30	0.65 =	5.85 Cum	
30.00	0.30	0.70 =	6.30 Cum	
30.00	0.30	0.75 =	6.75 Cum	
15.20	0.30	0.90 =	4.10 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192165

erial No. .....
ame of work ..... From ..... To .....
ame of Contractor of nature of Agency.....
ate of commencement of work.....

Date	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total =	56.81 Cum	
		Qty limited to Tender =				56.52 Cum	
		@ Rs 102.52				Rs 5738.00	
						Jadhav AE	
7)	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per Specifications and direction of engineer						
		Qty vide Item No (1-6)				= 226.08 Cum	
		@ Rs 72.71				Rs 16438.00	
						Jadhav AE	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including forming curvycle complete as per specification and directions of engineer in charge						
	Ganesh Hough Road RHS	1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	15.20		0.90 =	13.68 Sqm	
		1	22.00		0.90 =	19.80 Sqm	
	2 HS	1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	

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M. A. R.
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...al No. ..... From ....
...e of work .....
...e of Contractor of nature of Agency.....
...e of commencement of work.....

te	Full description, etc, of work	Number
	2	3
		1
		1
		Qty (a
		e
	9) Providing chamfering edges to	
	Conly chamfered length shall	
	and directions of engineer	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
ed quality roughly dressed				
) including forming curves				
nd directions of engineer in charge				
30.00		0.90 =	27.00 Sqm	
0.00		0.90 =	27.00 Sqm	
0.00		0.90 =	27.00 Sqm	
0.00		0.90 =	27.00 Sqm	
5.20		0.90 =	13.68 Sqm	
2.00		0.90 =	19.80 Sqm	
30.00		0.90 =	27.00 Sqm	
30.00		0.90 =	27.00 Sqm	
30.00		0.90 =	27.00 Sqm	
30.00		0.90 =	27.00 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192166

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	15.20		0.90 =	13.68 Sqm	
		1	22.00		0.90 =	19.80 Sqm	
					Total =	282.96 Sqm	
					Qty limited to Tender =	282.60 Sqm	
					@ Rs 579.96	Rs 163897.00	
9)	Providing chamfering edges to stone slab 2.5cms wide as per specification Only chamfered length shall be recorded) etc complete as per specification and directions of engineer in charge of the work					Jedlaw AE	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measured
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		524	3.00		=	1572.00 sqm	
		Qty limited to tender =				1570.00 sqm	
		@ RS 28.40				RS 44588.00	
						Jadhav AE	
10)	Providing two tone dressing to granite stone slab/granite stone masonary etc complete as per specifications and directions of engineer in charge of the work.						
	Qty vide Item No. 08				=	282.60 Sqm	
		@ RS 731.16				RS 206626.00	
						Jadhav AE	
11)	Add 1% for third party inspections					RS 1780.00	

M. A. R. S
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From ...

...me of Contractor of nature of Agency.....

...ate of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	12) Add 1% for K.K.I.D.L. C	
	Certificate;	
	certified that the above w issued from depart me	
	Jadhav AE 30/6/2014.	

ENT BOOK

Dimensions			Contents	Reference to last Measure
th	Breadth 5	Depth 6	7	8
0			= 1572.00 sqm	
			1570.00 sqm	
8.40			RS 44588.00	
			Jadhav AE	
e Stone slab/granite stone 4 certions and directions of				
			= 282.60 Sqm	
7 31.16			RS 20662.00	
			Jadhav AE	
			RS 17805.00	

M. A. R. 57 (Rule 116)
Measurement Book No. B

1976827 ಕ್ಕೂ
2777789 ಕ್ಕೂ

192167
ET 39537
VAT 74073
ST 118614
EMD 19768
CST 19773
Total 272389

From ..... To .....

Name of Contractor of nature of Agency ..... 16,99,038 ಕ್ಕೂ

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6		8
	(12) Add 11% for K.R.I.D.L. Charges &					RS 1955902.00	
						Total RS 1994636.00	
						Jadhav 1976827 ಕ್ಕೂ	
						AE 30/6/2014.	
	Certificate;						
	certified that the above work done Statisfactory and no materials issued from department ally						
	Jadhav						
	AE 30/6/2014.						

ನಿರ್ವಾಹಕ ಇಂಜಿನೀಯರ್ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ.